

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: September 9, 2002, 16:22:02 ; Search time 45.81 Seconds
(without alignments)
1672.946 Million cell updates/sec

Title: US-09-880-887-9

Perfect score: 312
1 gttgtttatgcatcctttt.....cgtatcttttaccattcag 312

Sequence: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	312	100.0	312	US-09-526-935B-9	Sequence 9, Appl1
2	34.2	11.0	459	US-08-936-165A-23	Sequence 23, Appl1
3	33.2	10.6	19932	US-08-477-451-25	Sequence 25, Appl1
4	32.2	10.3	605	US-09-385-982-483	Sequence 483, App
5	31.6	10.1	1564	US-08-904-234-2	Sequence 2, Appl1
6	31.6	10.1	2885	US-08-471-496-1	Sequence 1, Appl1
7	31.6	10.1	2885	US-08-894-840-1	Sequence 1, Appl1
8	31.6	10.1	2885	US-09-139-675-1	Sequence 96, Appl1
9	31.4	10.1	2022	US-08-505-486-96	Sequence 96, Appl1
10	31.4	10.1	2022	US-08-801-028-96	Sequence 96, Appl1
11	31.4	10.1	2022	US-09-340-154-96	Sequence 96, Appl1
12	31.4	10.1	2022	PCT-US95-09338-96	Sequence 96, Appl1
13	31.4	10.1	2022	PCT-US95-09339-96	Sequence 96, Appl1
14	31.4	10.1	2127	US-08-505-486-95	Sequence 96, Appl1
15	31.4	10.1	2127	US-08-801-028-95	Sequence 95, Appl1
16	31.4	10.1	2127	US-09-340-154-95	Sequence 95, Appl1
17	31.4	10.1	2127	PCT-US95-09338-95	Sequence 95, Appl1
18	31.4	10.1	2127	PCT-US95-09339-95	Sequence 95, Appl1
19	31.2	10.0	4517	US-09-140-804-9	Sequence 95, Appl1
20	31	9.9	81	US-08-232-463-44	Sequence 44, Appl1
21	31	9.9	2110	US-09-419-459-1	Sequence 1, Appl1
22	31	9.9	3943	US-08-369-796-3	Sequence 3, Appl1
23	31	9.9	3943	US-08-852-091-3	Sequence 3, Appl1
24	31	9.9	3943	US-08-820-754-3	Sequence 3, Appl1
25	31	9.9	3943	US-08-956-652-3	Sequence 3, Appl1
26	31	9.9	3943	US-08-956-869-3	Sequence 3, Appl1
27	31	9.9	3943	US-08-948-547-3	Sequence 3, Appl1

28	31	9.9	3943	US-09-364-970-10	Sequence 10, Appl1
29	31	9.9	3943	US-08-956-653A-3	Sequence 3, Appl1
30	31	9.9	3943	PCT-US95-17025-3	Sequence 3, Appl1
31	31	9.9	4003	US-09-087-465-1	Sequence 1, Appl1
32	31	9.9	9636	US-08-323-170B-1	Sequence 1, Appl1
33	31	9.9	9636	US-08-954-441-1	Sequence 1, Appl1
34	31	9.9	246240	US-08-724-394A-20	Sequence 20, Appl1
35	31	9.9	246240	US-08-724-394A-21	Sequence 21, Appl1
36	31	9.9	246240	US-08-724-394A-22	Sequence 22, Appl1
37	30.8	9.9	2099	US-08-299-849B-25	Sequence 25, Appl1
38	30.8	9.9	2099	US-08-142-368A-25	Sequence 25, Appl1
39	30.8	9.9	2099	US-08-967-727-25	Sequence 25, Appl1
40	30.8	9.9	2099	US-08-037-230D-25	Sequence 25, Appl1
41	30.8	9.9	2150	US-08-299-849B-24	Sequence 24, Appl1
42	30.8	9.9	2150	US-08-142-368A-24	Sequence 24, Appl1
43	30.8	9.9	2150	US-08-967-727-24	Sequence 24, Appl1
44	30.8	9.9	2150	US-08-037-230D-24	Sequence 24, Appl1
45	30.6	9.8	881	US-08-402-804-5	Sequence 5, Appl1

ALIGNMENTS

RESULT 1
US-09-526-935B-9
; Sequence 9, Application US/09526935B
; Patent No. 6271025
; GENERAL INFORMATION:
; APPLICANT: NEGRIER, CLAUDE
; APPLICANT: PLANTIER, JEAN LUC
; TITLE OF INVENTION: MODIFIED FACTOR VIII CDNA
; FILE REFERENCE: 06478.1441
; CURRENT APPLICATION NUMBER: US/09/526,935B
; CURRENT FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: EP 99104050.2
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 312
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-935B-9

Query Match 100.0%; Score 312; DB 4; Length 312;
Best Local Similarity 100.0%; Pred. No. 4.9e-73;
Matches 312; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	gttgtttatgcatcctttttaaatacatgagatgcttgccttttaagataga	60
DB	1	gttgtttatgcatcctttttaaatacatgagatgcttgccttttaagataga	60
QY	61	tatcatatcgtctcttcaactaatttgatattgatatgacagaatgtga	120
DB	61	tatcatatcgtctcttcaactaatttgatattgatatgacagaatgtga	120
QY	121	gttcaacagccagcagcaggttgtaagtactgtggacaatcacaagatttgcctca	180
DB	121	gttcaacagccagcagcaggttgtaagtactgtggacaatcacaagatttgcctca	180
QY	181	tgccccaagagagaatttgcttcaagattatgattgataaacaagaacttctaaga	240
DB	181	tgccccaagagagaatttgcttcaagattatgattgataaacaagaacttctaaga	240
QY	241	gatgtaaaatttcacatgatttctttttgctaaataaagaattaacgcgtattct	300
DB	241	gatgtaaaatttcacatgatttctttttgctaaataaagaattaacgcgtattct	300
QY	301	tttaccatttcag 312	
DB	301	tttaccatttcag 312	

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1      RESULT      2
2      US-08-936-165A-23/C
3      : Sequence 23 Application US/08936165A
4      : Patent No. 6348582
5      : GENERAL INFORMATION:
6      : APPLICANT: Black, Michael
7      : APPLICANT: Burnham, Martin
8      : APPLICANT: Hodgson, John
9      : APPLICANT: Knowles, David
10     : APPLICANT: Lonetto, Michael
11     : APPLICANT: Nicholas, Richard
12     : APPLICANT: Pratt, Julie
13     : APPLICANT: Reichard, Richard
14     : APPLICANT: Rosenberg, Martin
15     : APPLICANT: Ward, Judith
16     : TITLE OF INVENTION: No. 6348582el Prokaryotic Polynucleotides,
17     : TITLE OF INVENTION: Polypeptides and Their Uses
18     : NUMBER OF SEQUENCES: 534
19     : CORRESPONDENCE ADDRESS:
20     : ADDRESSEE: SmithKline Beecham Corporation
21     : STREET: 709 Swedeland Road
22     : CITY: King of Prussia
23     : STATE: PA
24     : COUNTRY: USA
25     : ZIP: 19406-0939
26     : COMPUTER READABLE FORM:
27     : MEDIUM TYPE: Diskette
28     : COMPUTER: IBM Compatible
29     : OPERATING SYSTEM: DOS
30     : SOFTWARE: FASTSEQ for Windows Version 2.0
31     : CURRENT APPLICATION DATA:
32     : APPLICATION NUMBER: US/08/936,165A
33     : FILING DATE: 24-SEP-1997
34     : CLASSIFICATION: 536
35     : PRIOR APPLICATION DATA:
36     : APPLICATION NUMBER: 60/027,032
37     : FILING DATE: 24-SEP-1996
38     : ATTORNEY/AGENT INFORMATION:
39     : NAME: Gimm, Edward R
40     : REGISTRATION NUMBER: 38,891
41     : REFERENCE/DOCKET NUMBER: P50549
42     : TELECOMMUNICATION INFORMATION:
43     : TELEPHONE: 610-270-4478
44     : TELEFAX: 610-270-5090
45     : TELEX:
46     : INFORMATION FOR SEQ ID NO: 23:
47     : SEQUENCE CHARACTERISTICS:
48     : LENGTH: 459 base pairs
49     : TYPE: nucleic acid
50     : STRANDEDNESS: single
51     : TOPOLOGY: linear
52     : MOLECULE TYPE: Genomic DNA
53     :
54     : US-08-936-165A-23

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1      RESULT      3
2      US-08-477-451-25
3      : Sequence 25, Application US/08477451
4      : Patent No.5928865
5      :
6      : GENERAL INFORMATION:
7      :
8      : APPLICANT: Covacci, Antonello
9      : TITLE OF INVENTION: Helicobacter pylori CagI Region
10     : NUMBER OF SEQUENCES: 46
11     : CORRESPONDENCE ADDRESS:
12     :
13     : ADDRESSEE: Chiron Corporation
14     : STREET: 4560 Horton Street
15     : CITY: Emeryville
16     : STATE: CA
17     :
18     : COUNTRY: USA
19     : ZIP: 94608-2916
20     :
21     : COMPUTER READABLE FORM:
22     :
23     : MEDIUM TYPE: Floppy disk
24     : COMPUTER: IBM PC compatible
25     : OPERATING SYSTEM: PC-DOS/MS-DOS
26     : SOFTWARE: Patent In Release #1.0, Version #1.30
27     :
28     : CURRENT APPLICATION DATA:
29     :
30     : APPLICATION NUMBER: US/08/477,451
31     : FILING DATE: 07-JUN-1995
32     : CLASSIFICATION: 4:35
33     :
34     : ATTORNEY/AGENT INFORMATION:
35     :
36     : NAME: McClung, Barbara G.
37     :
38     : REGISTRATION NUMBER: 33,113
39     : REFERENCE/DOCKET NUMBER: 0335.002
40     :
41     : TELECOMMUNICATION INFORMATION:
42     :
43     : TELEPHONE: 510-601-2708
44     : TELEFAX: 510-655-3542
45     :
46     : INFORMATION FOR SEQ ID NO: 25:
47     :
48     : SEQUENCE CHARACTERISTICS:
49     :
50     : LENGTH: 19932 base pairs
51     : TYPE: nucleic acid
52     : STRANDEDNESS: single
53     : TOPOLOGY: linear
54     :
55     : MOLECULE TYPE: DNA (genomic)
56     :
57     : US-08-477-451-25

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[illegible]

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Query Match Similarity      10.6%; Score 33.2; DB 2; Length 19932;
Best Local Similarity      61.6%; Pred. No. 6.5;
Matches      53; Conservative      0; Mismatches      33; Indels      0; Gaps      0;

Oy      22      taaatcacatgagatgctgccttttagatataagaataatcagatgctctctca      81
            ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db      3241      TATAAGACCTGGATTTTATTATTACCTTTGGATGTGAAAAAATCTTGATTGCATGATTTTGT      3300

Oy      82      ctaaatctgattacatgattgaca      107
            ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db      3301      AAAAATGTGTGTAATAATGCATGTGATA      3326

RESULT      4
US-09-385-982-483/c
; Sequence 483, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEGE, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS: II
; FILE REFERENCE: CCDNA-260XX
; CURRENT APPLICATION NUMBER: US/09/385,982
; CURRENT FILING DATE: 1999-08-30
; EARLIER APPLICATION NUMBER: 09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: 60/117,393
; EARLIER FILING DATE: 1999-01-27
; EARLIER APPLICATION NUMBER: 60/098,639
; EARLIER FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 544
; SOFTWARE: FastSeq for Windows Version 3.0

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Query Match	10.18; Score 31.6; DB 4; Length 1564;
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Oy 79 tcactaaatttgattacatgatttgcagcagataattgaagaqcttaacaggccagcacgc 138
 ||| ||||| | | || || || ||||| ||
Db 2830 tCAGTTAAATTTTCTGTCTTCCTACCTTTATTCTCNAGAGCTCAAGAGGTTCA GTAN 2771

	Best Local Similarity	54.9%	Pred. No. 11:
Matches	62:	Conservative	0; Mismatches 51; Indels 0; Gaps 0;
OY	3	tgtgttatgcatccctttttaataacatlgtagtgccttttagatatagaata	62
Dd	431	TAGTATTATTCATGATATTTAAGTAATAATTCATATGTTCATATCAATATATATTT	372
OY	63	tctgatgcgccttcctcactaaatttgattaccatgattgaagacaataatt	115
Dd	371	AAGTAGCGTGTTATTTAAAAAAAATTACCTCTTGCTTTTAAACAATATTT	319

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Query Match	10.1%	Score 31.4	DB 3	Length 2022
Best Local Similarity	54.9%	Pred. No. 11		
Matches 62	Conservative 0	Mismatches 51	Indels 0	Gaps 0
QY	3	ttgtttatgcaccccttttaaacatagatgtagcttgctcctttagatagaaata	62	
Db	431	TAGTTTATTTCATGCAATTATTAACTAAAATTTGAATGTTTACATTAATCAAAATTAATTT	372	
QY	63	tcctgatgcgtcccttcacctaatttgattacatgattgacacgaataatt	115	
Db	371	AGTCACTGGGTATTAATTAATAAAATTAATGACCTCTTGCTTTATTAAGAATAATAT	319	

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1 RESULT 12
2 PCT-US95-09338-96/c
3 ; Sequence 96, Application PC/TUS9509338
4 ; GENERAL INFORMATION:
5 ; APPLICANT:
6 ; TITLE OF INVENTION: UBIQUITIN-LYTIC PEPTIDE FUSION GENE
7 ; TITLE OF INVENTION: CONSTRUCTS, PROTEIN PRODUCTS DERIVING THEREFROM, AND
8 ; TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
9 ; NUMBER OF SEQUENCES: 98
10 ; COMPUTER READABLE FORM:
11 ; MEDIUM TYPE: Floppy disk
12 ; COMPUTER: IBM PC compatible
13 ; OPERATING SYSTEM: PC-DOS/MS-DOS
14 ; SOFTWARE: WORDPERFECT 5.1+
15 ; CURRENT APPLICATION DATA:
16 ; APPLICATION NUMBER: PCT/US95/09338
17 ; FILING DATE: 21-JUL-1994
18 ; PRIOR APPLICATION DATA: 08/279,472
19 ; APPLICATION NUMBER: 08/279,472
20 ; FILING DATE: 22-JUL-1994
21 ; INFORMATION FOR SEQ. ID NO.: 96:
22 ; SEQUENCE CHARACTERISTICS:
23 ; LENGTH: 2022
24 ; TYPE: NUCLEIC ACID
25 ; STRANDEDNESS: DOUBLE STRANDED
26 ; TOPOLOGY: LINEAR
27 ; MOLECULE TYPE:
28 ; DESCRIPTION: GENOMIC DNA
29 PCT-US95-09338-96

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	Query March	10.1%	Score 31.4	DB 5	Length 2022
	Best Local Similarity	54.9%	Pred. No. 11		
	Matches 62	Conservative 0	Mismatches 51	Indels 0	Gaps 0
Qy	3	ttgtttatgacatcccttttaataatcatgatgtatgcttgcccttcagatatagaata	62		
Db	431	TAGTATTTCATCAGATATTTTAACTAAATTTGAATGTTTTCATATATCAAAATTAATTT	372		
Qy	63	tctgaagcgtctctcttcaactaaatttgatatacatgatattgaacgaacatatt	115		
Db	371	AGTACGTGTATTAATTTAAAAAATTTACCTCTTGCTTTATTAAGAAATTTT	319		

RESULT 13
 PCT-US95-09339-96/c
 Sequence 96, Application PC/TUS9509339
 GENERAL INFORMATION:
 APPLICANT:
 APPLICANT:
 TITLE OF INVENTION: UBIQUITIN-LYTIC PEPTIDE FUSION GENE
 TITLE OF INVENTION: CONSTRUCTS, PROTEIN PRODUCTS DERIVING THEREFROM, AND
 TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
 NUMBER OF SEQUENCES: 98
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORDPERECT 5.1+
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/09339
 FILING DATE: 21-JUL-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/279,472
 FILING DATE: 22-JUL-1994
 INFORMATION FOR SEQ. ID NO.: 96:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2022
 TYPE: NUCLEIC ACID
 STRANDEDNESS: DOUBLE STRANDED
 TOPOLOGY: LINEAR
 MOLECULE TYPE:

[illegible]

Db 371 AGTGACGTGTATATATAAAAAAATTGACCTCTTGCTTATAAGAAATATT 319

Search completed: September 9, 2002, 21:17:29
Job time: 17727 sec